

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.67 -13-43

Descriptive List of Vegetables

JAN 13 194
Department of Agriculture

"Seeds
that
Grow"



BOTZUM BROS.
SEED CO.
AKRON, OHIO

To Our Customers:

We have over a period of years bought the best seeds obtainable from our growers, feeling quite secure that each item of seed has been grown by an expert as well as being adapted to the particular locality in which we are shipping.

For your benefit we have limited our varieties to those which we feel are the best offered on today's market. The varieties which we have discarded have been replaced by newer introductions which have proven themselves to be superior to the older variety.

SERVICE has been the motto adopted by our shipping department. Fill-in orders will be shipped the same day received.

ASPARAGUS

MARTHA WASHINGTON

An improved strain of Martha Washington, being a single cross which is earlier and more vigorous. An asparagus of splendid quality.

BEANS

For years the buying of seed beans for distribution to our customers has been one of careful consideration as to type and quality. For the most part, this seed, which includes most of the green pod and wax varieties, has been grown in Idaho, where the soil and climate have been adaptable to growing crops of an excellent quality. We are pleased to offer our beans, feeling sure that they are the best obtainable, both from a standpoint of purity and high germination available. For your benefit we are listing the maturity of the following varieties, which in the case of the wax and green sorts, indicates the number of days necessary to produce snap pods, and in the lima bean class, the number of days in which to produce green shell beans. The field class designates the time required to produce fully matured dry shell beans.

DWARF WAX VARIETIES (Yellow Pod)

BRITTLE WAX

52 Days

Same as Round Pod Kidney Wax.

PENCIL POD BLACK WAX

55 Days

A stringless black seeded variety with pods $6\frac{1}{2}$ inches long, round, slightly curved, deep yellow. Adapted to home and market garden use.

DAVIS KIDNEY WAX

55 Days

A vigorous grower, with pods $6\frac{1}{2}$ inches long, flat, slightly curved, light yellow. White seeded, and a good shipping variety. A stringless type.

ROUND POD KIDNEY WAX

52 Days

A stringless canning variety of fine quality. Pods $5\frac{1}{2}$ inches long, very slightly curved, round, deep yellow. White seed, with black eye.

SURE CROP WAX

53 Days

An early variety for both home and market garden use. Stringless, with pods $6\frac{1}{2}$ inches long, flat, straight, deep yellow. Black seeded.

TOP NOTCH GOLDEN WAX

51 Days

An improved type of Golden Wax, being a cross between Improved Golden Wax and Stringless Green Pod. A larger and more vigorous plant than Improved Golden Wax, pods being longer with less fiber, straight, creamy yellow, and stringless. Pods 5 inches long, seed white with brown eye.

WARDWELL'S KIDNEY WAX 53 Days

A good home variety, 6 inches long, fleshy, broad and brittle. Nearly stringless. Seed white with brownish eye.

DWARF GREEN PODS

WEBBER WAX (Cracker Jack) 52 Days

Compact bushy plants, pods 6 to 6½ inches long, thick, flat. Seeds tan. A hardy, early and prolific type.

DWARF (GREEN PODS)

BLACK VALENTINE (Stringless) 53 Days

A recent introduction of value to market gardeners. A large plant, prolific and early, pods flat, oval, straight, dark green, and stringless. Seeds oval, small and black.

BOUNTIFUL 49 Days

A popular bean for early home gardens. Pods 6 to 7 inches long, straight, broad and thick, flat. Seed solid yellow. It is stringless, and a fine quality.

BROAD WINDSOR or FAVA 74 Days

A late variety, used for green shell beans. Large bushy plants, pods are glossy green, 5 inches long, 1½ inches broad, 3 seeded, smooth, also known as horse beans. Seed flat, brownish yellow.

BURPEE'S STRINGLESS GREEN POD 53 Days

One of the best varieties for home and market gardens, as well as for canning. Plants are hardy, and very productive. Pods 5½ to 6 inches long, slightly curved, round, green, fleshy. Stringless. Seeds coffee brown.

DWARF HORTICULTURAL 53 Days

A good variety for green shelling and succotash. Pods 5 to 5½ inches, stringless, slightly fibrous. Seeds round oval, light pink spotted with red. Very productive.

GIANT STRINGLESS GREEN POD 53 Days

Pods 6 to 6½ inches, stringless, fleshy, and brittle. Plants hardy, about 15 inches high, and yield well. Seed bright brownish yellow.

REFUGEE (Stringless) 70 Days

The pods are 5 to 5½ inches long, slim, light green in color. They are round, stringless, of excellent flavor and quality. A heavy producer adopted for home gardening, canning and market garden.

STRINGLESS RED VALENTINE 53 Days

A selection from old style Valentine with pods 5 inches long, round, somewhat curved.

TENDERGREEN

54 Days

One of the better new introductions. Strictly stringless, of fine quality, bearing attractive medium dark green pods, 7 inches long. Pods being round, meaty and tender. Plants are heavy producers. Seeds brown mottled with fawn.

TENNESSEE GREEN POD

54 Days

Large pod $6\frac{1}{2}$ inches long, flat, broad. Seeds dark brown. It is stringless in the snap stage, and of excellent flavor. A heavy bearing variety with good pods.

DWARF OR BUSH LIMA BEANS

BABY FORDHOOK

70 Days

A small plant 14 inches tall, erect, runnerless, dark glossy green. Pods $2\frac{1}{2}$ inches containing 3 to 4 beans. A big canning variety.

BURPEE'S IMPROVED BUSH

76 Days

Pods $5\frac{1}{2}$ inches, curved, flat, with 3 to 5 beans. Seed large creamy white. Very productive.

FORDHOOK BUSH

75 Days

A potato lima type having strong erect plants bearing pods in clusters of from 4 to 8. Pods are from 4 to $5\frac{1}{2}$ inches long containing 3 to 5 large thick green beans. Market gardeners' favorite.

HENDERSON'S BUSH (Baby Lima)

65 Days

A canning variety of merit. Bush 16 inches, erect, runnerless, dark, glossy green. Pods $3\frac{1}{2}$ inches, curved, flat, dark green with 3 to 4 beans. Seeds small, white and flat.

POLE LIMA BEANS

FLORIDA BUTTER

(Speckled Pole Lima)

77 Days

A small bean of good quality either in green or dry state. Blooms and bears profusely all through the season, being adaptable to almost all seasonal conditions. Small seeds buff mottled with brown.

KING OF THE GARDEN LIMA

88 Days

One of the best pole lima varieties, having straight pods 6 inches long with 4 to 5 beans of good quality. A splendid climber and heavy producer. Color of seed, white.

LARGE WHITE LIMA

88 Days

Similar to King of the Garden.

POLE GREEN AND WAX VARIETIES

ASPARAGUS or YARD LONG

70 Days

Pods 8 to 10 inches long, oval, fleshy and tender with good quality. Seed is red-brown with black circle around the eye.

CREASEBACK STRIPPED 72 Days

Desirable for growing on corn for snap beans. Pods light green, 6 inches long, round creasebacked, and of excellent quality. Seed light green splashed with purple.

CREASEBACK WHITE 63 Days

An early pole bean used for snaps or dry beans. Pods are 5½ inches long, light green, straight, well rounded creasebacked, stringless. Beans are kidney shaped and white.

CUTSHORT or CORNHILL 75 Days

Pods medium green 3½ inches long, flat and stringy. A favorite for planting with corn. Seed drab, splashed with crimson.

GOLDEN CLUSTER WAX 70 Days

One of the best wax podded pole beans, bears well, large flat yellow pods in clusters. Seed white, oval shaped.

HORTICULTURAL POLE or SPECKLED CRANBERRY 70 Days

Pods 6 inches long, straight, dark green in snap stage, becoming yellowish and splashed with violet-red at green shell stage. An excellent dry bean for winter use.

KENTUCKY WONDER (Old Homestead) 65 Days

The best known pole variety, and unexcelled for home and market garden. Bears green pods in large clusters, nearly round, often reaching 10 inches in length, curved, and twisted. Pods are brittle, tender, and somewhat stringy. Seed fawn colored.

KENTUCKY WONDER WAX 67 Days

A prolific bearer supplying large and golden yellow pods, tender and stringless. Seed dark brown.

LAZY WIFE 74 Days

A good variety for snaps, green shell and dry shell beans. A good producer with pods 6 to 6½ inches long, green, straight, stringless, brittle and tender. Seeds oval, white.

KING MAMMOTH HORTICULTURAL 85 Days

Pods 7 inches, flat, green splashed with red, late in season. Seed is large; cream, splashed with oxblood, irregularly oval, plump, hollow centered.

WHITE DUTCH RUNNER 68 Days

A white bean resembling a small lima. Can be used as a snap when very young, or shelled as a lima when more fully developed, or as a dry bean for cooking. Seed white.

FIELD BEANS

RED KIDNEY (Dark) 95 Days

Pods 6 to 7 inches long, containing 5 to 6 red kidney shaped beans. Pods flat, broad and straight. Used entirely for baking and soup.

SELECT NAVY 95 Days

Pods 4 inches long, plant large with tendency to form runners. Hardy, prolific, used almost entirely for baking. Seed oval, white.

WHITE KIDNEY 100 Days

Pods 6 inches long, flat, straight. Used entirely as a dry shell bean.

WHITE MARROW 100 Days

Pod 6 inches long, flat, straight; 5 to 6 almost round beans in each pod. A good baking variety.

BEETS (Garden Type)

CROSBY EGYPTIAN 55 Days

A good variety for both home and market gardener. A flattened root, globe shaped, with a very small tap root. Color—Purplish red. Crops good for bunching.

DETROIT DARK RED 65 Days

For years one of the most popular for home and market garden, adapted for both shipping and canning. A globe shaped root, dark blood red, smooth skin. Small collar and tap root, with flesh uniform in color, and remaining tender until roots are full grown.

EARLY WONDER 55 Days

A good early table beet. Color bright red skin. Vermillion red flesh, zoned with lighter red.

EDMUND'S BLOOD TURNIP 67 Days

A good winter keeper in storage. A well known medium early beet for home, market gardeners, and canning. Roots are nearly round. Flesh being purplish red with lighter zoning.

LUTZ GREEN LEAF 70 Days

A good quality and excellent keeping beet for home gardens. Tops are glossy green with pink mid-rib. Roots are half-long, tap shaped, and dark purplish red.

PERFECTED DETROIT 64 Days

This beet is the best selection of Detroit Dark Red for dark, uniform interior color. Especially adapted for canning. It is globe shaped, slightly flattened at base. Flesh is excellent in quality with interior color dark blood red, and practically free from zoning. Medium high tops, with dark green leaves, tinged with deep red. A heavy producer.

OHIO CANNER

60 Days

A variety developed at the Ohio Agricultural Experiment Station by Dr. Magruder. It has been developed primarily for those interested in packing or canning whole beets. The roots are small and globe shaped, flattened at base. The exterior color is a good bright red and smooth. The interior is almost free of zoning and of a uniform bright dark blood red. Small tops, beet shaped leaves, which are large enough to allow easy handling.

SWISS CHARD

FORDHOOK GIANT

57 Days

One of the better new introductions, having a dark green heavily crumpled leaf, as Lucullus. Mid-rib is wide and thick, with a very good white color. A strong plant that is sturdy, and a good grower.

LUCULLUS

50 to 55 Days

A greenish yellow foliage very crumpled, similar to Savoy cabbage. Stalks are pure white and thick, and ready to be used as green in about seven weeks.

STOCK BEETS — MANGEL WURZEL

GIANT HALF SUGAR, ROSE

90 Days

A heavy yielding, valuable variety for feeding. Roots long, oval. Skin white with rose-colored shoulder. Flesh white, with good sugar content.

GOLDEN TANKARD

100 Days

A very productive variety adapted to light soils. Tankard shaped. Flesh, yellow, with white zones, and very sweet.

MAMMOTH LONG RED

110 Days

The most popular and the best cropped of all the Mangels. Yields run from thirty to fifty tons per acre. Roots extremely large, slightly tapering; grow half above ground. Color light red. Flesh, white with rose tinge.

BROCCOLI

ITALIAN GREEN SPROUTING

(Calabrese)

70 Days

The best broccoli for both home and market garden. A good erect plant with a central large cluster of flower buds which are deep green. By continued planting it may be used until freezing weather.

BRUSSELS SPROUTS

LONG ISLAND IMPROVED

90 Days

The most dependable variety, producing cabbage like sprouts $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter, maturing successively. Plant is dwarf, compact, uniform and about 20 inches tall.

CABBAGE

Early Summer Varieties

CHARLESTON WAKEFIELD 75 Days

Similar to Early Jersey Wakefield except flatter, and several days later; bearing a 50% larger head; very desirable for home and market garden. Heads weigh 4 to 5 pounds.

COPENHAGEN MARKET 68 Days

An excellent early market and early kraut variety; compact plants with short stems bearing hard, round heads, weighing 3 to 4 pounds. Uniform size and good keeping quality.

EARLY FLAT DUTCH 75 Days

A second early sort being a sure header with heads medium flat, of good flavor, and weighing 5 to 6 pounds. Is especially well suited to growing in an extremely hot season.

GLORY OF ENKHUIZEN 78 Days

A medium early large globe shaped sure heading splendid keeping variety. Heads trimmed, will weigh 6 to 8 pounds. A valuable kraut variety, with medium short stems.

GOLDEN ACRE 65 Days

A good home and market garden variety; short stem with heads weighing about 3 pounds; an extra early cabbage which produces a uniform, round, well balanced head of good quality.

Late and Mid-Season Varieties

ALL SEASONS 90 Days

A large medium round head unequalled for kraut. A very thrifty variety in hot, dry weather. Heads weighing about 10 pounds. A good keeper.

DANISH BALLHEAD, SHORT STEM 105 Days

A favorite in late cabbage varieties; plants being medium sized with short stems; heads are large, and medium globed shaped; weigh about 6 pounds; a very sweet and tender type unsurpassed for keeping qualities.

LATE FLAT DUTCH 110 Days

A good keeping variety bearing very large flattened type head of a medium green color. A short stem, low growing plant with few outer leaves; a good type with excellent flavor.

Yellow Resistant Varieties

BUGNER 100 Days

One of the newer yellow resistant ball-head type strains; with a large flattened globe shape; weighing 8 to 10 pounds. A high yielder, good keeper, adapted for kraut, late market, or storage.

GLORY or GLOBE 82 Days

A selection from Glory of Enkhuizen, bearing medium large heads, weighing 7 to 8 pounds; very resistant to yellows disease, and used primarily for kraut.

GOLDEN ACRE 68 Days

Similar to Copenhagen Market in shape, bearing round heads; good quality. Resistant to yellows disease.

MARION MARKET 80 Days

A variety from Copenhagen Market being 10 days later, and forming a larger plant. A very heavy yielder with an early round head. Excellent for kraut.

WISCONSIN ALL SEASONS 95 Days

A large flat headed type selected from All Seasons; a heavy yielder.

WISCONSIN HOLLANDER No. 8 110 Days

A selection of Danish Ballhead that matures 10 days later, with a medium tall stem and a larger head.

Additional Varieties

AMERICAN DRUMHEAD SAVOY 90 Days

The largest Savoy cabbage with round heads, and deep green leaves. Leaves are densely crumpled of fine flavor.

CHINESE CHIHILI 75 Days

The best Chinese cabbage, bearing heads 18 inches to 20 inches, 4 inches to 5 inches at base, tapering to tip; dark green outer leaves with inner leaves white, sweet and tender.

MAMMOTH RED ROCK 95 Days

The largest red cabbage of intense dark red color. Sure heading, with round heads weighing 6 to 8 pounds.

CARROTS

CHANTENAY 68 Days

A good table variety about 6 inches long and 2½ to 3 inches in diameter at shoulder. Stump rooted and tapered, with deep orange flesh. Grown for winter storage as well as bunching.

CHANTENAY RED CORE (Coreless) 68 Days

A medium early half long type with stump root. Roots are 5 to 6 inches long, 2 to 2½ inches thick at the crown. A deep orange red with reddish orange core.

DANVER'S HALF LONG **75 Days**

The most popular home garden variety; a good dark orange color; large and smooth, of fine texture, with little core. Six inches long with a diameter 2 to 2½ inches. Stump rooted and a good keeper.

SUPREME HALF LONG **75 Days**

A development from Danver's Half Long with a longer, slimmer and better root from the original strain. A deep orange flesh with very little core. Adapted for market and home gardens.

NANTES IMPROVED CORELESS **65 Days**

An excellent forcing variety, with small good tops for bunching. Used extensively by market gardeners. A bright orange red skin; cylindrical, blunt ended, with a very small tap root; 6 inches long and 1½ inches thick. It is crisp, tender, having a very delicate flavor. Practically coreless.

IMPERATOR **74 Days**

A market garden variety. Holds up well in long distance shipping. Medium long, strong tops, roots are 7 to 9 inches, with sloping shoulders that taper to a semi-blunt tip. A good rich orange color with a deep orange interior extending to core. Quality is good.

IMPROVED LONG ORANGE **85 Days**

A good carrot for deep soil. It grows 10 to 12 inches long and is 2 inches thick at shoulder. It has a desirable sweet flavor for the table, and it is also used for stock feeding. A good yielding variety.

OXHEART or GUERANDE **75 Days**

An easily harvested variety. Heart shaped, with roots 3 to 4 inches long, being 2 inches in diameter, with deep orange flesh. It is easily harvested, and a good keeper.

WHITE BELGIAN **100 Days**

Smooth roots 10 to 12 inches long, with a heavy shoulder; with pure white flesh; pure white skin on lower root, with a light green crown. Considered one of the best stock feeding carrots.

CAULIFLOWER

SNOWBALL **55 Days**

Good solid pure white round heads, weighing 2 pounds. Of good keeping quality. The best known variety for commercial uses.

SNOWDRIFT **57 Days**

The best variety for long distance shipping. With medium green outer leaves, inner leaves giving protection to large, firm, solid white heads. One of today's best varieties.

CELERY

IMPERATOR or FORDHOOK 130 Days

Thick, round, tender stalks adapted to home gardens and nearby markets, but not a good shipping variety.

GIANT PASCAL 135 Days

A late variety having a delicious nutty flavor that makes it very popular. The largest ribbed celery, with stalks about 2 feet high. Thick, solid, brittle and stringless. A good winter keeper.

GOLDEN SELF BLANCHING 120 Days

An adaptation of the Dwarf French stock. Good compact growth, with thick, solid, heavily rooted stalks, which blanch easily to a clear yellow. It is crisp, stringless.

UTAH or GOLDEN CRISP 126 Days

A green variety that matures earlier than Pascal. Highly recommended for fall use. Stems are thick, solid, broad, rounded and of fine quality. It is the most popular green variety on today's market.

CELERIAC

GIANT PRAGUE 120 Days

A turnip-shaped root having celery flavor, that is used for stews, soups or salads, or can be boiled like parsnips. Flesh is pure white, tender, and of good quality.

COLLARDS

GEORGIA or SOUTHERN 80 Days

Used extensively for greens. It grows 2 to 3 feet tall, carrying a loose head of large, tender leaves. It is grown in the south as a substitute for cabbage.

SWEET CORN

It has been our constant aim in the growing of sweet corn, both Hybrid and Open Polinated, to be sure that this corn has been grown in the northwestern part of Ohio, feeling quite sure that this is the best corn growing area in the United States. We have made an effort through the years to present to our customers those varieties which we feel are the most satisfactory available.

Hybrid Sweet Corn

GOLDEN CROSS BANTAM 84 Days

A considerably larger ear than Bantam, ears being a lighter yellow color, but not the true Bantam type. Developed by the Purdue Agricultural Experiment Station. It is resistant to Stewart's disease, and is quite desirable for canning and market use where a large ear corn is desired.

IOANA

87 Days

A corn originated by Dr. E. S. Haber of Iowa State College. Plants are tall, with broad leaves; ears $7\frac{1}{2}$ to 8 inches long, with 12 to 14 rows of medium width yellow kernels of excellent quality. A variety that has proven to be more resistant to adverse conditions than Golden Cross. Excellent for home gardener or canning.

MARCROSS C-13 X 6

71 Days

Ears 6 to 7 inches with 12 to 14 rows of fairly large yellow kernels. Good quality. Stalk $4\frac{1}{2}$ to 5 feet. Adapted for both market garden and home use.

STOWELL'S EVERGREEN HYBRID **90 Days**

A very valuable strain for market gardeners and canners. It produces ears 8 to 9 inches, having 18 rows of very deep medium width white kernels of fine quality. A high yielder that is both tender and sweet.

Open Pollinated Sweet Corn

Early Varieties

BARDEN'S WONDER BANTAM

85 Days

This corn, which is an 8-rowed yellow variety, was an introduction by C. S. Clark & Son. Ears are somewhat longer and larger than Golden Bantam, the stalk is slightly taller. Kernels are deep yellow, broad, tender, and of good quality.

EARLY MINNESOTA

88 Days

A good producing corn adapted for market, home, and canning. Ears are long, with 8 to 10 rows of large white grains.

GOLDEN 60 DAY

60 Days

Ears $5\frac{1}{2}$ to 6 inches, 12 rows of medium wide yellow kernels of good quality; stalk, 5 feet. A good early market or garden corn with satisfactory sized ears.

GOLDEN GIANT

90 Days

This corn is a cross between Golden Bantam and Howling Mob, combining the excellent flavor of the yellow corn with the size and quality of the white corn. Stalks are $4\frac{1}{2}$ to 6 foot, producing 2 to 3 ears 7 to 9 inches long, with 12 to 16 rows of deep kernels, with good dark color.

GOLDEN SUNSHINE

76 Days

A combination of Golden Bantam and Early White Market. Being a week earlier than Bantam, the plants are slightly smaller. A good ear, having 10 to 14 rows of creamy yellow kernels.

GOLDEN BANTAN—8 Rowed 83 Days

One of the best known standard varieties for home gardens. Ears 6 to 7 inches, with 8 rows of kernels of highest flavor and sweetness. Stalk 4½ to 5 feet.

WHIPPLE'S EARLY YELLOW 82 Days

Ears 8 to 8 inches, 12 to 16 rows of broad deep yellow kernels, sweet and of good flavor. Large ears of fine quality. Stalks 5 to 6 feet. Market and garden.

Medium Early Varieties

EARLY EVERGREEN 95 Days

Ears 8 inches, with 14 to 18 rows of medium sized, deep, white kernels of good quality and sweetness. Almost identical to Stowell's Evergreen, being 5 days earlier. Good canning and market garden variety.

GOLDEN BANTAM—8 Rowed 83 Days

Ears 7 to 8 inches, 12 to 16 rows of broad deep yellow golden yellow kernels which are uniform and attractive. A variety adapted to market garden and canner trade, which is a good producer under favorable weather conditions.

HOWLING MOB 85 Days

Ears are 7 to 8 inches long, carrying 12 to 16 rows. It is a good second early white variety, being a strong grower and good producer.

WHIPPLE'S EARLY WHITE 89 Days

Ears 7 to 8 inches with 14 to 18 rows of kernels well filled to tips which are tender, sweet and of good quality. Recommended for home and market garden use.

Late Varieties

COUNTRY GENTLEMAN or

SHOE PEG 95 Days

One of the best known varieties, having ears 8 to 9 inches in length, frequently bearing 2 to 3 on a stalk. Kernels of deep white with no row formation; tender, sweet, excellent flavor. An exceptional late variety for home gardens, market gardens, and canners.

GOLDEN or BANTAM EVERGREEN 95 Days

A cross between Golden Bantam and Stowell's Evergreen, combining the good qualities of each. Ears 7 to 8 inches long, with 12 to 14 straight rows of sweet golden kernels.

BLACK MEXICAN 92 Days

This corn is thought by many to be the sweetest corn grown today. Ears 8 rowed; kernels tender, exceptionally sweet; white at eating stage, changing to blue-black at maturity.

STOWELL'S EVERGREEN **100 DAYS**

The best old variety adapted for gardens, market gardens and canners. Stalks 7 to 8 feet, ears 8 to 9 inches, with 16 rows of deep white kernels. It is very productive.

POP CORN

BABY RICE (Hulless) **85 Days**

Chunky ears with pearl white kernels. Snowy white popped. Five-foot stalk, bearing ears 4 inches long.

WHITE RICE **90 Days**

Stalk 5 to 6 feet; ears 6 to 8 inches, with kernels of pure white, pointed. A popular early variety, and a good popping type.

SOUTH AMERICAN **100 Days**

The most popular of the pop corn varieties, used extensively because of the large, yellow, tender kernels it produces when popped. It is the most profitable to raise because the ears are 8 to 10 inches and has an extensive yield.

CUCUMBER

A. & C. **68 Days**

One of the best known varieties for home and market gardens introduced by Abbott and Cobb. Holds color very well, is uniform in size, dark green, 8½ inches long, being 2¼ inches in diameter. It is one of the leading white spine varieties.

BOSTON PICKLING **57 Days**

A good variety for both pickling and slicing. It is 6 to 7 inches long, 2½ inches thick. Dark green, and black spined.

CHICAGO PICKLING (Westerfield) **58 Days**

Similar in description to Boston Pickling, deriving its popular name because of its popularity with large Chicago pickling companies.

DAVIS PERFECT **65 Days**

Dark green with white spine, 9 to 11 inches long, and 2½ inches thick. A valuable slicing and pickling variety with solid flesh of excellent quality and being very thick.

EARLY FORTUNE **65 Days**

A disease resistant variety grown extensively by market gardeners. It is deep green with white spine; 8 to 9 inches long; 2½ inches thick. Hardy plants that are very productive.

EARLY GREEN CLUSTER **55 Days**

One of the best pickling varieties. Also adaptable for early slicing. 5½ inches long, 2¾ inches in diameter. It is thick, light green, cylindrical and full at both ends.

LONGFELLOW 72 Days

Fruits are 11 to 14 inches long, being 2½ inches thick. A dark green, white spined sort that holds its color well. Requires a good soil.

LONG GREEN (Improved) 70 Days

A variety adapted for both pickling and slicing. Fruits are dark green, 10 to 15 inches long, slender, with black spines uniformly distributed over the surface. This is one of the most popular varieties today.

NATIONAL PICKLING 54 Days

A variety developed at the Michigan State College of Agriculture under the direction of the National Pickle Packers Association. A good variety for small fancy pickles. Strong vines that are very productive. Fruit is 5½ to 6 inches, blunt ended, with a dark green color that has black spines.

STRAIGHT 8 63 Days

A variety developed and introduced by Ferry Morse, which was awarded the All American Gold Medal of 1935. An excellent white spine slicing variety with fruits 8 to 9 inches long, and 1½ inches thick, rounded ends. It is symmetrical and not tapering. It is dark green in color and desirable for shipping, market garden or home garden.

IMPROVED WHITE SPINE 60 Days

A variety especially adapted to home gardens. It is one of the earliest and most prolific white spine types. Good for both slicing and pickling. Fruits 7 to 9 inches long and 2½ inches in diameter. It is dark green and bears continuously up to frost.

WHITE WONDER 58 Days

A medium late white cucumber of good quality. The fruit, which is white, at all stages is 7 inches long and 2½ inches thick. The ends are square and blocky. It is a white spined novelty type of delightful flavor.

EGG PLANT

BLACK BEAUTY 80 Days

The most popular variety on today's market. It is jet black, nearly round, and will average 2 to 3 pounds in weight. Plants grow 24 to 30 inches tall, bearing 4 to six fruits.

NEW PORK SPINELESS 83 Days

A good variety for home and market gardens. Plants 30 to 33 inches tall, bearing 4 to 6 oblong fruits of a beautiful rich purple.

ENDIVE

BROAD LEAF BATAVIAN (Escarolle) 90 Days

A favorite for salads, having broad and large leaves. Heads are well rounded, compact, often measuring 12 inches across. It is easily blanched.

FULL HEART BATAVIAN **88 Days**

An improved earlier type of Escarolle adapted for market gardeners and shipping. Large broad leaves that are crisp and tender. Upright growth.

GREEN CURLED (White Ribbed) **95 Days**

Plants 16 to 17 inches in diameter, tufty and full in center; midrib an inch broad, white, thick, tender and fleshy. Branches readily. Good Fall variety.

GREEN CURLED, Pink Ribbed
(Pancalier) **95 Days**

A popular green curled sort, having a definite pink tinged rib. Very popular with market gardeners due to the beautiful finely cut curly leaves which produce an attractive effect. Large circular plants often measuring 15 or more inches in diameter. A good green color, blanching to creamy white.

WHITE CURLED **100 Days**

A variety used extensively for decoration as well as for salads. It is light green in color, almost a moss curled. Blanches easily, and has a good crisp flavor.

GOURDS

We carry an attractive mixture made up of all the popular varieties which include dipper and calabash. These are ornamental and interesting to grow as novelties, which are also very useful.

KALE OR BORECOLE

DWARF BLUE SCOTCH **55 Days**

A plant with wide spreading, finely cured greenish-blue plume-like leaves. It is used both as a vegetable and for ornament.

DWARF GREEN CURLED **55 Days**

A productive variety. Low growing, compact plant of finely curled green foliage. Excellent flavor.

TALL GREEN CURLED **60 Days**

A hardy variety growing about 2 feet high with an abundance of dark green leaves which are very curly.

KOHL RABI

EARLY PURPLE VIENNA **60 Days**

Flat type globe shaped bulbs 2 inches diameter. Purple skin, with white flesh that is mild, crisp and tender. The plants are small, with dark green leaves.

EARLY WHITE VIENNA **55 Days**

A forcing variety with bulbs about 2 inches in diameter. Bulbs are white, tinged with green, with white flesh of an excellent flavor.

LEEK

LARGE AMERICAN FLAG

115 Days

Leek is very similar to the onion, being milder in flavor. Used mainly for flavoring soups. Quick, strong growth produces long stems of uniform shape and size about 2 inches through and 10 inches long. When blanched they are a beautiful white.

LETTUCE

BIG BOSTON

75 Days

A standard market garden and shipping variety, having large round heads that are tender and crisp. Few outer leaves, with a heart that is light golden yellow. White seed.

ICEBERG

80 Days

One of the most popular varieties for home and market gardeners. Not adapted to shipping. Medium sized heads, solid, and blanching to a beautiful white. Outer leaves are light green, crinkled, and folded tightly around the head.

IMPROVED HANSON'S

80 Days

White seed. A good summer variety because it withstands extreme heat better than most varieties. A large plant with broad, thick, light green leaves surrounding a solid head.

MAY KING

61 Days

An early heading type adapted for greenhouse forcing or early planting outdoors. A small or medium small head, solid, with a rich golden yellow interior.

NEW YORK, WONDERFUL,

LOS ANGELES MARKET

80 Days

This is the most popular shipping variety known today. A large heading variety with heads often weighing 2 to 3 pounds. Large crumpled outer leaves, with blanched creamy heart.

Loose Leaved Varieties

BLACK SEEDED SIMPSON

40 Days

A popular variety. Light green in color with inner leaves almost white. Can be grown in Spring or early Summer. Very productive and of excellent quality.

EARLY CURLED SIMPSON

40 Days

A white seeded variety very popular with home gardeners. A compact plant, with light green curly leaves. A good flavored type that is used for salads.

GRAND RAPIDS

45 Days

A popular disease-resistant, black-seeded variety. It is very popular, light green, crisp, curled leaves, that, when grown under glass, has an especially sweet flavor.

PRIZE HEAD

45 Days

An early non-heading sort, very desirable for home garden use. Plants of medium size. Crisp and tender. Color light brown on a medium green base. Leaves crumpled and highly frilled at the edges. Of excellent flavor.

ROMAINE, COS OR CELERY LETTUCE

PARIS WHITE COS

60 Days

A self-folding variety bearing heads 8 to 9 inches high. Long shell shaped medium green leaves of good quality. White seeded.

MUSKMELON OR CANTALOUPE

Green Fleshed Varieties

HACKENSACK (Extra Early)

85 Days

A good type for home gardens and local markets. Large fruits, ribbed with heavy netting. A thick flesh that is green, juicy and sweet.

OHIO SUGAR

90 Days

A good home garden variety that might be called a green fleshed Tip-Top.

ROCKY FORD (Netted Gem)

92 Days

A small green-fleshed melon, oval shaped, few ribs, juicy and of fine flavor. The outside is covered with hard gray netting.

Salmon Fleshed Varieties

BANANA

94 Days

In shape it resembles a large banana. It is 14 inches long, about 4 inches in diameter, weighing 5 pounds. A pink flesh that is delicious.

BENDER'S SURPRISE

87 Days

The most popular home garden variety. Adaptable to shipping and growing well in all sections. A large round shaped melon, weighing 7 to 8 pounds. Deeply ribbed with coarse netting. Thick, sweet flesh.

EMERALD GEM

85 Days

A medium sized variety adapted to home gardeners. Fruits are almost round, slightly ribbed, and netted. About 4 to 5 inches in diameter. Deep orange flesh, thick and sweet.

HALE'S BEST

86 Days

This is the earliest of the Rocky Ford type of melon. Oval fruits, heavily netted, about 8 by 4½ inches in size. Bright salmon orange flesh, exceptionally thick, with a good flavor that makes it very popular everywhere.

HEARTS OF GOLD or HOODOO 90 Days

A good shipping melon adapted for home and market gardeners. Medium in size, it is vigorous and productive. Nearly round fruits, slightly ribbed, densely netted, about 5 inches in diameter. Thick firm flesh of good flavor.

MILWAUKEE MARKET 87 Days

One of the larger varieties. About 7½ by 6½ inches and weighing 5 to 6 pounds. Nearly round and slightly ribbed. It has a hard rind that makes it an ideal shipping type.

OSAGE or MILLER'S CREAM 92 Days

Medium sized oval fruit 6 to 8 inches long and 5 to 6 inches in diameter. Dark green skin that is netted and ribbed. Salmon fleshed, with a delicious flavor. Adapted to home garden or local markets.

PRIDE OF WISCONSIN 90 Days

A comparatively new melon adapted to home gardens and short distance shipping. Fruits are oval, 6½ by 6 inches, that weigh about 3 to 4 pounds. A pearl gray rind, with faint ribbing and coarse netting. Thick orange flesh that is sweet and of excellent flavor.

ROCKY FORD 90 Days

A variety that is almost identical in type to Hale's Best.

SUGAR ROCK or HONEY ROCK 90 Days

A fine shipping variety, extremely productive, and beautiful in appearance. Practically round, and weighing 2½ to 3 pounds. Medium early, and deliciously sweet.

WATERMELONS

COLE'S EARLY or HARRIS 80 Days

An excellent home garden variety with fruits 12 inches long and 11 inches in diameter. A green rind striped with a lighter shade. Bright red flesh. The rind is brittle and thin, which does not make it adaptable to long distance shipping. Black seed.

DIXIE QUEEN 85 Days

A good quality shipping type. Fruits are oval round, light green with dark green stripes, weighing about 30 pounds. Bright red flesh, with very few white seeds.

EARLY KANSAS or RUSSIAN RED SEED

Large nearly round fruits, bright green with broad stripes of a lighter green. Bright red flesh, thick, and having an excellent flavor. A very productive variety, with thin, tough rind. Seeds are buff when dry.

GEORGIA RATTLESNAKE (Gypsy) 90 Days

An old favorite. Yellowish green in color, with very dark green stripes. A large, long melon, with a very tough rind. Seeds are light cream with dark brown tips.

ICE CREAM or PEERLESS 90 Days

The best variety for home and market gardeners. Rind is very thin, and light green in color. Flesh is scarlet and sweet. A white seeded early variety. Size 16 to 19 inches.

KLECKLEY SWEET (Improved) 85 Days

Oblong in shape, 22 inches long, and 12 inches in diameter, this melon weighs 30 to 40 pounds. It is a large melon with tough rind, dark green skin, and delicious bright scarlet flesh, with no stringiness. White seeds.

STONE MOUNTAIN 90 Days

This melon originated in Georgia, has been named after the famous Stone Mountain. A fine variety that is grown quite successfully by market gardeners in the North. A large nearly round melon with dark green skin and faintly indicated broad ribs. Deep red flesh that has a delicious flavor. Seeds white with black tips.

SWEET HEART 90 Days

A good keeper and shipper. Large fruits, round to slightly oblong with blocky ends. Light green skin, with darker veining. Crisp and sweet bright red flesh, black seed.

TOM WATSON 90 Days

An excellent variety for shipping. Oblong in shape, averaging 20 inches long, and by 10 to 12 inches in diameter, and weighing 35 to 40 pounds. Dark green skin, having a tough rind that keeps the flesh in good condition sometime after picking. Brown seeds.

WINTER QUEEN (King and Queen) 100 Days

A new variety that is adaptable to all sections of the country. Small sized fruits that are round and pale yellow when ripe. Flesh is bright red, and very sweet. A heavy producer and good keeper. Black seeds.

WONDER MELON

An improved Kleckley's Sweet.

MUSTARD

FORDHOOK FANCY

A very attractive variety with leaves more fringed and crumpled but not as large as Southern Curled. Excellent in quality.

SOUTHERN CURLED

The most popular variety of mustard, having large yellowish green leaves that are very crumpled on the edges. Leaves are 5 inches long and 3 inches wide. They are tender and long standing.

OKRA or GUMBO

EXTRA EARLY DWARF GREEN 50 Days

This plant grows about 2 feet high with many branches. The large, green, tender pods are thickly set on the plant. Pods are from 5 to 7 inches long.

MAMMOTH LONG GREEN PODDED

(Perkins') 55 Days

A large plant, growing 3 to 4 feet high, covered with dark green pods, ribbed and tapered, that are frequently 7 to 8 inches long.

WHITE VELVET

60 Days

A standard variety for home and market gardens. Plants are 3 feet high, pods 6 to 7 inches long. Tapered.

ONIONS

Red Varieties

LARGE RED WETHERSFIELD 100 Days

A very popular variety for growing onion sets as well as for growing mature bulbs for shipping. Broad, deep flat bulbs, purplish red skin, white flesh with a faint pink tint. Beautiful for garnishing and salads.

SOUTHPORT RED GLOBE 110 Days

A perfectly globe shaped red onion about 3 inches in diameter with a small neck. Dark, glossy red skin, white flesh with a tinge of purple, fine grained. A good keeping variety and an exceptionally heavy yielder.

Yellow Varieties

EARLY YELLOW GLOBE 98 Days

One of the newer varieties that has proven very popular and will mature 10 days to 2 weeks earlier than Southport Yellow Globe. Good sized bulbs globed to flattened globe in shape. Color is light yellow. It has a tough skin which makes it a better keeper than most of the early varieties.

GOLDEN GLOBE 115 Days

An excellent set variety that produces large attractive set onions. A bottle neck type with oblong globe bulbs. Flesh is firm and solid and bulbs keep well in storage.

OHIO YELLOW GLOBE 112 Days

A popular yellow globe onion named because of its heavy production in Northern Ohio. Has a very attractive shape, being very similar to Southport Yellow Globe except it is flat on the bottom. A good yielder and excellent keeper.

PRIZETAKER 105 Days

A very popular variety of the Sweet Spanish type. A good producing onion of mammoth size which closely resembles the Spanish type. Light straw colored skin, with pure white flesh, and a rather mild flavor. It is a good keeper.

SOUTHPORT YELLOW GLOBE
(Brigham Strain) 110 Days

An improved selection of Southport Yellow Globe adapted to muck soils. Bulbs are deep globe shaped, with an orange yellow color. The skin is thick, which makes it an excellent storage variety.

SWEET SPANISH (Riverside Strain) 110 Days

An unusually mild large globed shaped onion which often weighs up to two pounds. It keeps better than most types of Spanish Onions.

YELLOW GLOBE DANVER'S 110 Days

Perhaps the best known of yellow types. It is earlier than Ohio and Southport Yellow Globe, very productive, and a good keeper. It is nearly globed shaped, with yellow skin, white flesh, and mild flavor. A good variety for home and market gardens.

White Varieties

SOUTHPORT WHITE GLOBE 110 Days

This is the standard globe shaped pure white onion which brings top prices on the market. Attractive appearance, with flesh of a delicious flavor. A good keeper.

WHITE PORTUGAL 100 Days

A white onion used almost entirely for sets, pickling onions, mature bulbs, and bunching onions. Medium size, flat, pure white bulbs, with white flesh.

PARSLEY

DOUBLE CURLED 80 Days

A double curled variety of recent introduction. A rather tall plant, dark green, with stout stems for bunching.

MOSS CURLED 70 Days

A variety adapted for home and market gardens. Dark green leaves that are finely cut and so thickly curled that the plants resemble bunches of moss. It is excellent for garnishing and decoration.

PLAIN or SINGLE 72 Days

A variety used entirely for seasoning. A heavy producer through the entire season, bearing plain leaves of excellent flavor.

TURNIP ROOTED (Hamburg) 90 Days

This variety has edible roots that resemble small parsnips and are used for flavoring entirely.

PARSNIP

IMPROVED HOLLOW CROWN (Guernsey) 95 Days

This is the standard variety with long white roots 12 to 15 inches long, 3 inches thick at shoulder. Roots are tender and sweet.

PEAS

As in the case of our seed beans, our garden peas are grown entirely in Idaho. We feel that this is the best section both from a standpoint of producing fine quality seeds as well as growing abundant crops, which tends to cut down shortages in poor growing years. For your benefit, we are listing the maturity dates, which, no doubt, will fluctuate slightly, pending on the locality in which they are grown.

ALASKA 56 Days

This is the earliest of the garden peas. Vines are 28 inches high, bearing pods 2½ inches long that are light green in color and blunt. Seed is smooth and of medium size.

AMERICAN WONDER 60 Days

A good home garden variety with vines 12 to 16 inches high, that are dark green and coarse. Pods are 2½ inches long, light green and blunt. Seed is medium large and wrinkled.

BLISS EVERBEARING 80 Days

A good wilt resistant variety for home gardens, vines being 26 inches high, dark green and heavy. Pods are 3 inches long, light green, and blunt. Seed is very large and wrinkled.

BLUE BANTAM 62 Days

An exceptionally dark green strain of Laxtonian, maturing about two days later.

DWARF GREY SUGAR 62 Days

Vines are 24 inches high and dark green. Pods are 2¾ inches long, light green, and pointed. Seeds are small, grey and smooth. This variety has an edible pod that is used the same as snap beans.

DWARF TELEPHONE (Carter's Daisy) 75 Days

Vines are 24 inches high, light green and heavy. Pods are 4½ inches long, light green, and pointed. Seed is very large and wrinkled. A variety adapted to both home and market gardens.

GRADUS

60 Days

A large podded, wrinkled variety for home and market garden. Vines are 24 inches high, light green, and medium. Pods are 4 inches long, dark green, and pointed. Seeds are large and wrinkled.

HUNDREDFOLD

65 Days

A dwarf large podded variety that is popular because of its earliness. A favorite with gardeners for shipping. Vines are 18 inches, dark green, and heavy. Pods are 4 inches long, dark, and pointed. Seed is large and wrinkled.

LAXTON'S PROGRESS

64 Days

A good early standard dwarf variety for home gardens. Vines are 15 inches high, dark green, and heavy. Pods are 4½ inches long, dark, and pointed. Seed is large and wrinkled.

LAXTON'S SUPERB

60 Days

This variety, which is one of the earliest large podded types, is sometimes called "Early Bird". Vines are 18 inches high, light green, and coarse. Pods are 4 inches long, dark, and pointed. Large oval seeds that are almost smooth.

LAXTONIAN

60 Days

Vines 15 to 18 inches tall with dark green pods 4 to 4½ inches long, bearing 6 to 8 large deep green peas.

LITTLE GEM (Premium Gem)

65 Days

Medium green vines 24 to 30 inches tall. An old time favorite with home and market gardeners. Pods are 2½ to 3 inches long, containing 5 to 7 peas in a pod. Very productive.

LITTLE MARVEL

62 Days

This variety, we feel, is one of the most adaptable for home gardens. Vines are 18 inches high, dark green, and medium. Pods are 3 inches long, dark and blunt. Seed is large and wrinkled.

MAMMOTH MELTING SUGAR

84 Days

The taller variety very similar in type of Dwarf Grey Sugar. Vines are 4½ to 5 feet, light green, and heavy. Pods are 4 inches long, light green, and blunt. Seeds are large, white and smooth.

NOTT'S EXCELSIOR

A variety that is very similar to American Wonder.

TALL TELEPHONE

75 Days

A tall variety recommended for home and market gardeners. Dark green pods that are 4½ to 5 inches long, which contain 8 to 10 peas. Vines 4½ to 5 feet tall, dark green.

THOMAS LAXTON

62 Days

A variety that is desirable for home as well as market gardeners. Vines are 30 inches high, dark green, and medium. Pods are 3½ inches long, dark, and blunt. Seeds are large and wrinkled.

PEPPERS

CALIFORNIA WONDER

75 Days

This variety, we feel, is the best of the mild flavored peppers. Fruits are four lobed when young, with thick walls that are green changing to crimson when ripe. Adaptable for shipping, home or market gardens.

CHINESE GIANT

80 Days

An attractive midseason variety. It is a light bearer. Fruits are 4½ inches long, being 4 to 4½ inches in diameter, with four ridges, which are indented at the blossom end. It is emerald green, turning to scarlet at maturity.

GOLDEN QUEEN

78 Days

A large, mild and sweet yellow pepper, which resembles Ruby King in shape and size. Fruits are three-lobed and tapered. Deep green color turning yellow when ripe.

HARRIS GIANT

62 Days

A very prolific plant which bears 12 to 14 large fruits which measure 5 inches long and 3½ inches in diameter. It is an early variety for both home and market gardening.

HUNGARIAN WAX (Yellow)

65 Days

Fruits are 5 to 6 inches long, turning from green to light yellow when young, and becoming bright red when ripe. This is an early-maturing hot yellow variety.

LONG RED CAYENNE

70 Days

This is an early favorite hot type pepper. Fruits are 4 to 5 inches long, ½ inch through, deep green, becoming bright red.

PIMENTO (Perfection)

73 Days

This is a vigorous plant which grows about 30 inches high, with short, broad, dark green leaves. Fruits are heart-shaped and smooth, about 3 inches long, deep green, becoming deep red at maturity. Pimentos are grown on a large scale for canning, being a fine variety for home and market gardens.

RUBY KING

70 Days

An early pepper, sweet and large in size, which is a favorite with professional gardeners. Plants are vigorous and produce 10 to 15 fruits to the plant, which are often 6 inches long and 3½ inches wide across the shoulder. Slightly tapered. Deep green, becoming ruby red when ripe.

LARGE BELL or BULL NOSE (Sweet) 64 Days

Perhaps the best known standard early variety for both home gardens and market. Fruits are 3 to 3½ inches long and 3 inches thick, with broad end almost square. Deep green when young, turning red when ripe.

PUMPKIN

CONNECTICUT FIELD 115 Days

This is a large, smooth orange-yellow pumpkin which can be grown anywhere. It is grown largely in corn-fields, being adapted for stock feed, but can be used for canning and pies as well. Slightly oval in shape.

CUSHAW STRIPPED 110 Days

An excellent variety for pies. It is of the crookneck type, with a skin that is distinctly mottled—green with white strips. Fruits are solid, average 15 to 25 pounds.

JAPANESE PIE 108 Days

An earlier and larger pumpkin than the Cushaw type, which resembles it in shape. Skin is dark green, having lighter green stripes. A good variety for canning and stock feed, which will weigh about 12 pounds. Seeds bear a distinct marking which signifies the name.

KENTUCKY FIELD 118 Days

A good large pumpkin for both pies and stock food. Large, round, flattened, with broad ribs. Skin is a creamy buff, with thick yellow flesh, which makes it a standard variety for canning.

KING OF THE MAMMOTHS 118 Days

The largest pumpkin known, which sometimes will weigh 75 to 100 pounds. It is grown primarily for stock food, but is also used for pies. Fruits are round, flattened, and slightly ribbed. Skin is yellow and mottled with salmon-orange.

RADISHES

CRIMSON GIANT 30 Days

A large type of beautiful crimson color. Sometimes reaching a diameter of 1½ inches before becoming pithy. Flesh is white, mild in flavor, firm and crisp. Adapted to open ground culture or forcing. Roots are spherical to slightly top shaped.

EARLY SCARLET GLOBE 24 Days

A variety adapted for either outdoor planting or forcing. Roots are of broad olive shape. When ¾ inch in diameter, it is best. Skin is bright scarlet and tops are small.

EARLY SCARLET GLOBE, Market Gardeners Strain 24 Days

This variety is a special strain which is uniform in shape, color and size, having short tops adaptable for bunching, which makes it a market gardener favorite

EARLY SCARLET TURNIP **26 Days**

This popular variety, which is highly esteemed for its mild flavor, firmness and crispness. It is adaptable for forcing as well as out-of-door culture. Roots are turnip-shaped, almost round, having a bright scarlet skin. Flesh is snow white, and most delicious when radish is 1 inch in diameter.

SCARLET TURNIP WHITE TIP **25 Days**

A popular for home and market gardens. Roots are deep, turnip shape, almost round, upper part bright red, lower part white. Tops are short.

SPARKLER **25 Days**

This variety, being almost globe-shaped, resembles very closely Early Scarlet Turnip.

CINCINNATI MARKET **28 Days**

This is an improved strain of Long Scarlet, having a small short top. For home gardens and truckers. Roots are 6 to 7 inches long, cylindrical, with tapering end, deep red. Flesh very white, crisp, mild and tender.

LONG SCARLET SHORT TOP **30 Days**

This is the old standard early long variety for home and market gardens. Roots are long, straight, smooth, 4 to 5 inches long, and $\frac{3}{4}$ inch thick at the shoulder. Small tops.

FRENCH BREAKFAST **24 Days**

A small-topped standard type for home and market gardens, having roots oblong and blunt with slender tap root about 3 inches and diameter and $1\frac{1}{2}$ inches long. Rich scarlet for two-thirds of area from top down, pure white over balance of tip end.

WHITE ICICLE **30 Days**

This is the most popular white home garden variety, which has roots 5 to 6 inches long and 1 inch thick. They are pure white with small tops and are usually marketed when about $\frac{1}{2}$ inch in diameter.

WHITE STRAUSBURG **42 Days**

A white type summer variety with roots 4 to 5 inches long, being somewhat thicker than White Icicle and resistant to severe heat. Flesh is white and crisp.

Winter Varieties

CALIFORNIA MAMMOTH WHITE **55 Days**

This is the largest of all the winter radishes and a great favorite with the Chinese gardeners in California. Roots grow 8 inches long and 2 to 3 inches in diameter, and may be used in all stages of growth. Flesh and skin are both pure white, flesh benign crisp and solid.

CHINA ROSE

52 Days

A popular very distinctive winter sort. Roots 4 to 6 inches long, 2 inches in diameter. Cylindrical, but thicker at the lower end. Blunt, smooth, bright rose-red in color. Flesh white, very firm and pungent.

LONG BLACK SPANISH

56 Days

This is considered to be the best of the winter keeping varieties. Roots are 8 to 9 inches long, being 2½ inches in diameter at the shoulder, and oblong in shape. Skin is dark purple, being almost black. Flesh is white and crisp.

ROUND BLACK SPANISH

56 Days

A black-skinned type having globe-shaped roots 3½ to 4 inches in diameter. Flesh is white and crisp. A good keeping variety.

SALSIFY

MAMMOTH SANDWICH ISLAND

This is a standard variety for market garden and shipping, which is sometimes called "vegetable oyster". Strong foliage. Large, uniform, smooth white roots.

SPINACH

BLOOMSDALE LONG STANDING

45 Days

This is the improved Savoy type which stands a week longer in hot weather. Seeds are round.

BLOOMSDALE SAVOY

40 Days

Popular early variety for home and market gardens. Upright plant 6 to 8 inches high, bearing medium-size crumpled, blistered, glossy, deep green leaves. Bolts to seed in hot weather. Seeds are round.

GIANT NOBEL or

ROUND THICK LEAVED

45 Days

A round seeded variety which is very popular with canners as well as home gardeners. Large, smooth, deep green leaves, thick, arrow-shaped with round tip.

KING OF DENMARK

45 Days

A long standing variety with large, rounded, somewhat blistered deep green leaves. It is a vigorous grower with spreading habits. A good home garden and canning variety. Seeds are round.

NEW ZEALAND

70 Days

This is a variety which endures heat and hence is an ideal type for summer planting. Adapted to almost all soils. It has comparatively small, broad and pointed leaves which may be cut throughout the summer. Seeds are large and irregular.

OLD DOMINION

40 Days

A plant similar to Savoy, bearing more pointed leaves and resistant to cold. This variety was developed at the Virginia experiment station and is resistant to mosaic. It is planted mostly in the Fall for early Spring harvest.

SQUASH

COCOZELLE or ITALIAN

VEGETABLE MARROW (Bush)

60 Days

A long Italian squash 18 to 24 inches long and 4 inches thick when matured. Fruits are dark green, marbled, with yellow and lighter green stripes. They are usually picked when 5 to 6 inches long and stewed or fried in olive oil.

GIANT STRAIGHT NECK (Bush)

55 Days

A selection from golden summer crookneck with fruits 18 to 20 inches long when matured. It is a superior type because of its straightness which permits easy handling. It is heavily warted and deep orange in color.

GIANT SUMMER CROOKNECK

(Bush)

55 Days

A summer variety of pleasing flavor which is adapted for home, market garden, and shipping. Fruits are large, being 18 to 24 inches long, and 4½ inches thick, with curved neck. Skin is orange-yellow and warted.

MAMMOTH WHITE BUSH SCALLOP

(Bush)

55 Days

This is the Patty Pan type which is earlier than other summer varieties. It is round and flat in shape, having few scallops, and is a large producer. It is 3 inches thick and 9 to 10 inches in diameter, being scalloped on the edges and having warts on both sides. It is eaten when young, and is creamy-white in color.

BANANA

110 Days

A very productive type that is excellent for pies. Fruits are cylindrical, usually 20 to 24 inches long, and 6 inches in diameter. A greenish-gray skin which is smooth, with thin, brittle rind. The orange-yellow flesh is firm and solid and of delicious flavor.

BLUE HUBBARD

110 Days

Similar in type to the original Hubbard in size and shape, this squash has a color which is a clear bluish-gray. It is splendid for pies and a good keeping variety.

GOLDEN DELICIOUS

100 Days

A very productive variety that is desirable for canning and home garden. Fruits are top-shaped and weigh up to 7 pounds. It has a bright orange skin, being deep green at blossom end. Flesh dry, thick, sweet, medium grained and of golden orange color.

GREEN DELICIOUS

105 Days

A good home garden variety, being very productive and growing top-shaped fruits having a dark green skin mottled with lighter green. Flesh is sweet and dry. Will weigh up to 8 pounds.

MAMMOTH TABLE QUEEN

80 Days

This variety is similar in season to regular Table Queen, being similar in shape and color as well, but much larger, averaging 5 inches across and 6 to 7 inches deep.

RED or GOLDEN HUBBARD

110 Days

This variety is similar to the Hubbard types, being golden yellow and warted, but frequently a little earlier in maturing. It is an excellent winter squash with deep golden yellow flesh which cooks very dry and has a good flavor. It is a favorite with canners.

TABLE QUEEN,

DES MOINES or ACORN

80 Days

This is a small type excellent table squash bearing fruits about the size of a cocconut. It keeps equally as well as the Hubbard type, and being a good producer; a few plants will produce an ample supply for the average family.

WARTED HUBBARD

110 Days

This is perhaps the best known of the Hubbard varieties, sometimes called Chicago. Fruits are a handsome dark green, heavily warted, and being large in type, will often weigh 12 pounds. Flesh is rich and dry.

TOMATOES

BONNY BEST

73 Days

A second early type tomato, it is a general purpose type valuable for forcing and canning. Medium-large fruits are flattened, globe-shaped, smooth, with an intense red color. A good grower and producer bearing fruits uniform in size.

BREAK O' DAY

70 Days

This is a new disease-resistant variety which has been developed by the U. S. Department of Agriculture. It is an excellent shipping variety, bearing scarlet, globe-shaped, solid fruits which are borne in clusters on open vines.

EARLY DETROIT **80 Days**

A valuable shipping variety bearing medium, globe-shaped, deep pink, smooth fruits. Vines are vigorous and productive.

JOHN BAER **75 Days**

This variety is similar to Bonny Best, being a reliable type for home, market or canning. The fruit is solid and deep red, growing in clusters.

PRITCHARD (Wilt Resistant) **78 Days**

This is a medium early Scarlet variety that is disease-resistant. It is very similar to Marglobe, having a shorter vine with a slightly flatter fruit. Interior color is bright scarlet.

SPARK'S EARLIANNA **66 Days**

This is perhaps the most popular of the early red tomatoes, It is deep, flat and smooth, growing on open vines, and in clusters of from 6 to 10 over the entire plant. The tomatoes are 3 inches in diameter and 2½ inches thick.

CRIMSON CUSHION (Beefsteak) **88 Days**

This variety resembles Ponderosa in every respect except that the color is of a brilliant crimson. The large fruits are carried in clusters of from 4 to 6. Flesh is very solid, which makes it a fine table variety.

DWARF STONE **92 Days**

This is the largest of the dwarf tree varieties and a great favorite with home gardeners. A late variety that produces solid, smooth fruit.

GOLDEN QUEEN **84 Days**

This is a large bright yellow tomato which is very productive, with a flavor that is superior to most of the red types, as it has less acid.

MARGLOBE **77 Days**

This popular variety was developed by the U. S. Department of Agriculture and has been successful in all sections of the country. Fruits are medium sized, smooth and bright red. A heavy producer that is adapted for home gardeners or market gardeners. Perhaps the most popular shipping variety known today.

NEW STONE **86 Days**

A scarlet fruited variety that is medium late. Fruits are large, deep, and flattened. It is an excellent variety for canning and home gardens. Vigorous plants that are very prolific.

OXHEART **90 Days**

The name of this variety is derived from its shape, which is large at the stem, and tapers almost to a point. Fruits grow 3 to 7 in clusters on an open vine. It is a good variety, and used extensively. Smooth purplish pink, large almost seedless fruits.

PONDEROSA

88 Days

This is the well known purplish-pink variety that is very similar to Beefsteak. It is thick with solid flesh, and having very few seeds. Strong plants bear fruits in clusters of from 3 to 5. The large sized fruits are oblong in shape and usually ribbed.

RUTGERS

72 Days

This is a new introduction from the New Jersey Experimental station, which is derived from Marglobe, and is very similar to it in fruit and vine; its interior, however, is of a better red. It is disease-resistant to wilt.

TURNIPS

PURPLE TOP STRAP LEAF

48 Days

A good home and market garden variety. Flat roots about 5 inches across, purple on top and white below. White flesh that is sweet.

PURPLE TOP WHITE GLOBE

57 Days

This is the most popular variety known today. The round roots, purple across the top, and pure white beneath, are 5 to 6 inches in diameter. White flesh, and sweet.

SEVEN TOP (Turnip Greens)

45 Days

This is a variety that is grown entirely for the tops, which are used for greens and stock grazing. Roots are very poor quality.

WHITE EGG

50 Days

A popular market garden variety, with egg shaped roots 3 inches long and 2½ inches thick that are smooth and white. Flesh is white and sweet.

GOLDEN BALL

65 Days

A good keeping variety that is used for home and market gardens, having round roots 4 inches in diameter, smooth skin, a deep yellow color. Flesh is yellow, and of excellent quality.

RUTABAGA

AMERICAN PURPLE TOP

90 Days

This is the best all around variety for home or market. Large globe shaped roots with deep purplish-red tops and light yellow bottoms. Flesh is yellow, and of good flavor.

NASTURTIUMS

DWARF, MIXED COLORS

This variety is a low growing type about 12 inches high that is used mostly for bedding, borders and boxes.

GOLDEN GLEAM

This is a very fragrant medium tall variety with golden yellow blooms. Its petal arrangement gives the appearance of double flowers. It is very fragrant, and because of its long stems, it is a good cutting variety.

SCARLET GLEAM

This is a tall sweet scented variety with fiery red blooms that is very similar to the Golden Gleam type.

TALL or RUNNING MIXED

This is the high growing type which produces large flowers and is best used for trellises or fences.

SWEET PEAS

SPENCER, CHOICE MIXED

This is the variety blended by our California grower of the best colors to produce an excellent mixture for any flower garden.

ECKFORD'S, MIXED

This is the common variety which produces more flowers than the Spencer's, however, with shorter stems and smaller flowers, which does not make it adaptable for cutting.

BOTZUM'S LAWN SEED

Through many years of experience in the blending and selling of lawn mixtures, we have found that the best in grass seed is invariably the most economical. Our seed, irregardless of the mixture, whether high priced, moderately priced, or low priced, is a blend of the best types of seed available.

CHOICE MIXED LAWN SEED

This is a mixture of Fancy Red Top, Kentucky Blue Grass, Domestic Rye Grass, and Fancy White Clover, which we feel is one of the best mixtures available for a good lawn at the moderate price.

CLEVELAND PARKS LAWN SEED

A variety which was originated by our Company many years ago. This mixture contains Fancy Red Top, Kentucky Blue Grass, Chewings Fescue, White Clover, and Seaside Bent. It is our opinion that this is one of the best mixtures available for sunny lawns.

SHADY SPOT LAWN SEED

A mixture blended and adapted to growth in shady places. It contains Kentucky Blue Grass, Fancy Red Top, Chewings Fescue, Perennial Rye Grass, and Astoria Bent. Where the area is properly fertilized and drained, this seed will produce a lustrous green lawn.

THRIFT LAWN SEED

This variety, as indicated by its name, has been produced with the purpose in mind of offering a seed to our customers which they can sell to their bargain buying trade at a price. This mixture contains Kentucky Blue Grass, Fancy Red Top, Domestic Rye Grass, White Clover, and Lawn Timothy, and in spite of its low price will produce a satisfactory lawn.

VEGETABLE PLANTING TABLE

VARIETY	Hill or Drill	Seed Necessary	How Deep to Plant	Time Required to Produce Crop
Asparagus.....	H	1 oz., 50 Feet	1 in.	Seeds—Four Yrs.
Beans, Wax, Green....	D	1 qt., 100 Feet	2 in.	50 to 85 days
Beans, Pole.....	H	1 qt., 100 Feet	2 in.	69 to 95 days
Beans, Lima.....	D	1 qt., 100 Feet	2 in.	95 days
Beet.....	D	1 oz., 50 Feet	1½ in.	50 to 75 days
Broccoli.....	H	1 oz., 2000 Plants	¼ in.	100 days
Brussels Sprouts.....	H	1 oz., 2000 Plants	¼ in.	90 to 125 days
Cabbage.....	H	1 oz., 2000 Plants	¼ in.	65 to 120 days
Carrot.....	H	1 oz., 100 Feet	⅝ in.	65 to 85 days
Cauliflower.....	D	1 oz., 2000 Plants	¼ in.	85 to 95 days
Celery.....	H	1 oz., 2000 Plants	⅝ in.	110 to 140 days
Swiss Chard.....	D	1 oz., 50 Feet	1½ in.	50 to 55 days
Corn.....	D	1 qt., 100 Hills	1½ in.	80 to 120 days
Cress.....	D	1 oz., 50 Feet	¼ in.	90 to 100 days
Cucumber.....	H	1 oz., 50 Hills	½ in.	60 to 80 days
Egg Plant.....	D	1 oz., 1000 Plants	½ in.	100 to 120 days
Endive.....	H	1 oz., 150 Feet	¼ in.	60 to 80 days
Kale.....	H	1 oz., 150 Feet	¼ in.	80 to 100 days
Kohlrabi.....	D	1 oz., 200 Feet	½ in.	60 days
Lettuce.....	D	1 oz., 120 Feet	¼ in.	45 to 60 days
Melon—Musk.....	D	1 oz., 60 Hills	1 in.	100 to 120 days
Melon—Water.....	D	1 oz., 30 Hills	1 in.	75 to 100 days
Mustard.....	H	1 oz., 80 Feet	¼ in.	28 days
Okra.....	H	1 oz., 40 Feet	1½ in.	60 days
Onion.....	D	1 oz., 100 Feet	½ in.	60 to 130 days
Parsley.....	D	1 oz., 150 Feet	½ in.	70 to 100 days
Parsnip.....	D	1 oz., 100 Feet	½ in.	110 days
Peas.....	D	1 qt., 100 Feet	3 in.	55 to 85 days
Pepper.....	D	1 oz., 2000 Plants	½ in.	100 days
Pumpkin.....	D	1 oz., 30 Hills	1½ in.	65 to 110 days
Radish.....	D	1 oz., 100 Feet	½ in.	30 to 60 days
Rhubarb.....	H	1 oz., 75 Feet		
Ruta Baga.....	D		⅝ in.	90 to 100 days
Salsify.....	D	1 oz., 75 Feet	1½ in.	90 days
Spinach.....	D	1 oz., 100 Feet	1 in.	45 to 75 days
Squash.....	D	1 oz., 50 Hills	1 in.	50 to 60 days
	D			65 to 110 days
Tomato.....	H	1 oz., 1000 Plants	½ in.	79 to 110 Days
Turnip.....		1 oz., 150 Feet	½ in.	40 to 75 days

